

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 1099154
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER: 4IN00204*BD
STATION CODE: 581
MONITORING PERIOD : 2021-10-01 To: 2021-10-31
REPORTING LAB: Masi Labs
ANALYST: Cheryl Rex
NO DISCHARGE INDICATOR:

PARAMETER	pH	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total In Sludge	Potassium In Sludge	Arsenic, Total In Sludge	Cadmium, Total In Sludge
PARAMETER CODE	00400	00611	00627	00668	00938	01003	01028
UNITS	S.U.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06							
2021-10-07							
2021-10-08	7.72	51100	72900	14400	96400	AA5.0	AA5.0
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13							
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
2021-10-19							
2021-10-20							
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26							
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum	7.72	51100.0	72900.0	14400.0	96400.0	0.0	0.0
Maximum	7.72	51100.0	72900.0	14400.0	96400.0	0.0	0.0
Average		51100	72900	14400	96400	0	0
Count	1	1	1	1	1	1	1
Name of Responsible Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Jeffrey Williamson						Certification Version Date 2021-11-18 12:11	

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SUBMISSION ID: 1099154
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER: Revision
STATION CODE: 4IN00204*BD
MONITORING PERIOD : 581
 2021-10-01 To: 2021-10-31
REPORTING LAB: Masi Labs
ANALYST: Cheryl Rex
NO DISCHARGE INDICATOR:

PARAMETER	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total In Sludge	Selenium, Total In Sludge	Sludge Fee Weight	Sludge Weight
PARAMETER CODE	01043	01052	01068	01093	01148	51129	70316
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	dry tons	Dry Tons
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Total	Total
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06							
2021-10-07							
2021-10-08	101	AA5.0	36	252	31	270.16	270.16
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13							
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
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2021-10-20							
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26							
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum	101.0	0.0	36.0	252.0	31.0	270.16	270.16
Maximum	101.0	0.0	36.0	252.0	31.0	270.16	270.16
Average	101	0	36	252	31	270.16	270.16
Count	1	1	1	1	1	1	1
Name of Responsible Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Jeffrey Williamson						Certification Version Date 2021-11-18 12:11	

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COUNTY: Morrow
DISTRICT: CDO

STATUS:
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STATION CODE: 581
MONITORING PERIOD : 2021-10-01 To: 2021-10-31
REPORTING LAB: Masi Labs
ANALYST: Cheryl Rex
NO DISCHARGE INDICATOR:

PARAMETER	Mercury, Total In Sludge	Molybdenum In Sludge				
PARAMETER CODE	71921	78465				
UNITS	mg/kg	mg/kg				
FREQUENCY	1/Month	1/Month				
SAMPLING TYPE	Composite	Composite				
2021-10-01						
2021-10-02						
2021-10-03						
2021-10-04						
2021-10-05						
2021-10-06						
2021-10-07						
2021-10-08	AA5.0	31				
2021-10-09						
2021-10-10						
2021-10-11						
2021-10-12						
2021-10-13						
2021-10-14						
2021-10-15						
2021-10-16						
2021-10-17						
2021-10-18						
2021-10-19						
2021-10-20						
2021-10-21						
2021-10-22						
2021-10-23						
2021-10-24						
2021-10-25						
2021-10-26						
2021-10-27						
2021-10-28						
2021-10-29						
2021-10-30						
2021-10-31						
Minimum	0.0	31.0				
Maximum	0.0	31.0				
Average	0	31				
Count	1	1				
Name of Responsible Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.		Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Jeffrey Williamson					Certification Version Date 2021-11-18 12:11	

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SUBMISSION ID: 1099154
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS: Revision
PERMIT NUMBER: 4IN00204*BD
STATION CODE: 582
MONITORING PERIOD : 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR: AL

PARAMETER	pH	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total In Sludge	Potassium In Sludge	Arsenic, Total In Sludge	Cadmium, Total In Sludge
PARAMETER CODE	00400	00611	00627	00668	00938	01003	01028
UNITS	S.U.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06							
2021-10-07							
2021-10-08							
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13							
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
2021-10-19							
2021-10-20							
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26							
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum							
Maximum							
Average							
Count							
Name of Responsible Official or Authorized Representative <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>		I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.		Signature of Responsible Official or Authorized Representative <div style="height: 40px;"></div>		Submission Date/Time <div style="text-align: center;"> Certification Version Date 2021-11-18 12:11 </div>	

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DISTRICT: CDO

STATUS:
PERMIT NUMBER: 4IN00204*BD
STATION CODE: 582
MONITORING PERIOD : 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR: AL

PARAMETER	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total In Sludge	Selenium, Total In Sludge	Sludge Fee Weight	Sludge Weight
PARAMETER CODE	01043	01052	01068	01093	01148	51129	70316
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	dry tons	Dry Tons
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Total	Total
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06							
2021-10-07							
2021-10-08							
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2021-10-24							
2021-10-25							
2021-10-26							
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum							
Maximum							
Average							
Count							
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Jeffrey Williamson							Certification Version Date 2021-11-18 12:11

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FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER: 4IN00204*BD
STATION CODE: 582
MONITORING PERIOD : 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR: AL

PARAMETER	Mercury, Total In Sludge	Molybdenum In Sludge					
PARAMETER CODE	71921	78465					
UNITS	mg/kg	mg/kg					
FREQUENCY	1/Month	1/Month					
SAMPLING TYPE	Composite	Composite					
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06							
2021-10-07							
2021-10-08							
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2021-10-26							
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum							
Maximum							
Average							
Count							
Name of Responsible Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Jeffrey Williamson						Certification Version Date 2021-11-18 12:11	

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SUBMISSION ID: 1099154
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS: Revision
PERMIT NUMBER: 4IN00204*BD
STATION CODE: 601
MONITORING PERIOD : 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR: AL

PARAMETER	Hydraulic Loading Rate (HLR)	Sludge Solids, Percent Total	Sludge Solids, Percent Volatile	COD, Soluble	Organic Loading Rate (OLR)		
PARAMETER CODE	51028	70318	70322	80116	99981		
UNITS	GPD	%	%	mg/l	lb/cf/day		
FREQUENCY	1/Week	1/Week	1/Week	1/Week	1/Week		
SAMPLING TYPE	Continuous	Composite	Composite	Composite	Continuous		
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06							
2021-10-07							
2021-10-08							
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13							
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
2021-10-19							
2021-10-20							
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26							
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum							
Maximum							
Average							
Count							
Name of Responsible Official or Authorized Representative <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>		I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative <div style="border: 1px solid black; height: 80px; width: 100%;"></div>		Submission Date/Time <div style="border: 1px solid black; height: 40px; width: 100%;"></div>
							Certification Version Date 2021-11-18 12:11

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 1099154
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER:
STATION CODE:
MONITORING PERIOD :
REPORTING LAB:
ANALYST:
NO DISCHARGE INDICATOR:

Revision
4IN00204*BD
 602
2021-10-01 To: 2021-10-31
 Renergy
 Jeffrey williamson

PARAMETER	Temperature, In Sludge	pH	Alkalinity, Total (CaCO3)	Volatile Fatty Acids (VFA)	Detention Time, days		
PARAMETER CODE	99978	00400	00410	99980	72026		
UNITS	F	S.U.	mg/l	mg/l	days		
FREQUENCY	1/Day	3/Week	3/Week	3/Week	1/Week		
SAMPLING TYPE	Continuous	Composite	Composite	Composite	Continuous		
2021-10-01	98	7.738	4765	611	AA5.0		
2021-10-02	98						
2021-10-03	99						
2021-10-04	99	7.604	4946	463.10			
2021-10-05	99	7.579					
2021-10-06	99		4982	435.17			
2021-10-07	99	7.681					
2021-10-08	99				AA5.0		
2021-10-09	99	7.673	5210	1710			
2021-10-10	98						
2021-10-11	97	7.978					
2021-10-12	99		5870	520.94			
2021-10-13	98	8.017					
2021-10-14	100		6004	479.91			
2021-10-15	99	7.979	6391.50	427.88	AA5.0		
2021-10-16	100						
2021-10-17	100						
2021-10-18	97	8.051	4740	539.00			
2021-10-19	99						
2021-10-20	99						
2021-10-21	99	7.628	4689	783.00			
2021-10-22	99	7.768	4736	1010.00	AA5.0		
2021-10-23	99						
2021-10-24	96	7.996					
2021-10-25	96		8250	243.72			
2021-10-26	99						
2021-10-27	99	7.952					
2021-10-28	99		5831	481.10			
2021-10-29	99	7.944			AA5.0		
2021-10-30	99						
2021-10-31	99						
Minimum		7.579	4689.0	243.72	96.0		
Maximum		8.051	8250.0	1710.0	100.0		
Average			5534.54167	642.06833	98.64516		
Count		14	12	12	31		
Name of Responsible Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Jeffrey Williamson						Certification Version Date 2021-11-18 12:11	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: FACILITY: LOCATION: COUNTY: DISTRICT:	1099154 Emerald BioEnergy 2881 Co Rd 156 Cardington, OH 43315 Morrow CDO	STATUS: PERMIT NUMBER: STATION CODE: MONITORING PERIOD : REPORTING LAB: ANALYST: NO DISCHARGE INDICATOR:	Revision 4IN00204*BD 603 2021-10-01 To: 2021-10-31 AL
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PARAMETER	Solids, Total Volatile	Sludge Solids, Percent Volatile	COD, Soluble	Oil and Grease, Hexane Extr Method	Foreign Matter, percent		
PARAMETER CODE	00157	70322	80116	00552	99979		
UNITS	% Removed	%	mg/l	mg/l	%		
FREQUENCY	1/Week	1/Week	1/Week	1/Month	1/Month		
SAMPLING TYPE	Calculated	Composite	Composite	Composite	Composite		
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06							
2021-10-07							
2021-10-08							
2021-10-09							
2021-10-10							
2021-10-11							
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2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26							
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum							
Maximum							
Average							
Count							
Name of Responsible Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Jeffrey Williamson						Certification Version Date 2021-11-18 12:11	

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FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER: Revision
STATION CODE: 4IN00204*BD
MONITORING PERIOD : 604
 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR:

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06	5.25000	5.48507					
2021-10-07							
2021-10-08							
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13	5.50000	5.48507					
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
2021-10-19							
2021-10-20	5.90000	5.48507					
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26	6.11300	5.48507					
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum	5.25						
Maximum	6.113						
Average	5.69075						
Count	4						
Name of Responsible Official or Authorized Representative		I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
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 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER: Revision
STATION CODE: 4IN00204*BD
MONITORING PERIOD : 605
 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR:

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06	.62200	.38769					
2021-10-07							
2021-10-08							
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13	.57500	.38769					
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
2021-10-19							
2021-10-20	.53300	.38769					
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26	.52500	.38769					
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum	0.525						
Maximum	0.622						
Average	0.56375						
Count	4						
Name of Responsible Official or Authorized Representative		I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.		Signature of Responsible Official or Authorized Representative		Submission Date/Time	
						Certification Version Date 2021-11-18 12:11	
Jeffrey Williamson							

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 1099154
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER: Revision
STATION CODE: 4IN00204*BD
MONITORING PERIOD : 606
 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR:

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06	.50000	.33176					
2021-10-07							
2021-10-08							
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13	.21500	.33176					
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
2021-10-19							
2021-10-20	.21500	.33176					
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26	.26500	.33176					
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum	0.215						
Maximum	0.5						
Average	0.29875						
Count	4						
Name of Responsible Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Jeffrey Williamson						Certification Version Date 2021-11-18 12:11	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 1099154
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER: Revision
STATION CODE: 4IN00204*BD
MONITORING PERIOD : 607
 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR:

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06	2.55000	2.85714					
2021-10-07							
2021-10-08							
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13	2.55000	2.85714					
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
2021-10-19							
2021-10-20	2.55000	2.85714					
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26	2.56000	2.85714					
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum	2.55						
Maximum	2.56						
Average	2.5525						
Count	4						
Name of Responsible Official or Authorized Representative		I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Jeffrey Williamson							Certification Version Date 2021-11-18 12:11

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 1099154
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER: Revision
STATION CODE: 4IN00204*BD
MONITORING PERIOD : 608
 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR:

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06	1.22500	1.36200					
2021-10-07							
2021-10-08							
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13	1.22500	1.36200					
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
2021-10-19							
2021-10-20	1.22500	1.36200					
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26	1.26000	1.36200					
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum	1.225						
Maximum	1.26						
Average	1.23375						
Count	4						
Name of Responsible Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Jeffrey Williamson						Certification Version Date 2021-11-18 12:11	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 1099154
FACILITY: Emerald BioEnergy
LOCATION: 2881 Co Rd 156
 Cardington, OH 43315
COUNTY: Morrow
DISTRICT: CDO

STATUS:
PERMIT NUMBER: Revision
STATION CODE: 4IN00204*BD
MONITORING PERIOD : 609
 2021-10-01 To: 2021-10-31
REPORTING LAB: Renergy
ANALYST: Jeffrey williamson
NO DISCHARGE INDICATOR:

PARAMETER	Freeboard	Maximum Operating Level (MOL), Sludge					
PARAMETER CODE	82564	99977					
UNITS	feet	mgals					
FREQUENCY	1/Week	1/Week					
SAMPLING TYPE	Total	Total					
2021-10-01							
2021-10-02							
2021-10-03							
2021-10-04							
2021-10-05							
2021-10-06	20.85000	20.76969					
2021-10-07							
2021-10-08							
2021-10-09							
2021-10-10							
2021-10-11							
2021-10-12							
2021-10-13	21.50000	20.76969					
2021-10-14							
2021-10-15							
2021-10-16							
2021-10-17							
2021-10-18							
2021-10-19							
2021-10-20	22.00000	20.76969					
2021-10-21							
2021-10-22							
2021-10-23							
2021-10-24							
2021-10-25							
2021-10-26	20.35000	20.76969					
2021-10-27							
2021-10-28							
2021-10-29							
2021-10-30							
2021-10-31							
Minimum	20.35						
Maximum	22.0						
Average	21.175						
Count	4						
Name of Responsible Official or Authorized Representative <div style="text-align: center; font-size: 1.2em;">Jeffrey Williamson</div>			Signature of Responsible Official or Authorized Representative <div style="height: 80px;"></div>			Submission Date/Time 	
						Certification Version Date 2021-11-18 12:11	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:
LOCATION:

Emerald BioEnergy
2881 Co Rd 156
Cardington, OH 43315

PERMIT NUMBER:
MONITORING PERIOD :

4IN00204*BD
2021-10-01 To: 2021-10-31

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
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